

Claims: I claim:

1. A detection system of the type comprising a sensor and identification means for detecting and identifying a vehicle occupying a designated parking space and a control means for signaling the authorized or unauthorized occupancy of said and assessing a fee.
2. The system of claim 1 wherein an electronic transmitting device is used to detect the presence of a vehicle in a designated parking space and identify said vehicle regarding its authorized occupation of the space.
3. The electronic transmitting device of claim 2 wherein the device will identify the parking space.
4. The electronic transmitting device of claim 2 wherein a vehicle unauthorized to occupy the space will cause a signal to be generated, alerting the vehicle driver and the electronic system operator of the unauthorized occupation of the space.
5. The electronic transmitting device of claim 2 wherein the device is connected to a control system capable of assessing the status of the vehicle account identified in the occupied space.
6. The system of claim 1 wherein an identifying device is fixedly mounted or carried within a vehicle to identify the vehicle as authorized to occupy the space.

7. The identifying device of claim 6 wherein a means will identify the vehicle occupying the space to the system operator.
8. The identifying device of claim 6 wherein each of multiple devices has a unique signature.
9. The identifying device of claim 6 wherein the same device can be used to identify the vehicle for use of toll roads, gasoline purchases or many other activities.
10. The identifying device of claim 6 wherein a charge can be assessed to a subscriber account.
11. The control system of claim 1 wherein the status of an account can be signaled within the electronic transmitting device.
12. The system of claim 1 wherein the duration of occupancy of the space by the vehicle is sensed.
13. The system of claim 12 wherein a minimum time period can be set to avoid false detection of occupancy by an authorized vehicle.
14. The system of claim 1 wherein a program can be input to assign a cost for occupancy of parking spaces.
15. The program of claim 14 wherein a fee structure can be input by the system operator.
16. The system of claim 1 wherein the program can be changed by the system operator.